ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Bruhat Bangalore Mahanagara Palike

ನರಸಿಂಹರಾಜ ಚೌಕ, ಬೆಂಗಳೂರು–560 002.

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ಬಿಬಿಎಂಪಿ

ಕಾಮಗಾರಿ ಸಂಖ್ಯೆ ಪ್ರಮಾಣಪತ್ರ

Job Number Certificate

Copy | **Number : 013-16-000039**

Ward	: 013 Mallasandra	Name of Work : Construction of RCC drain in Adjusted to Dasarahalli road and cross at Kalyana Nagar in ward no 13
Zone	: Dasarahalli	
Division	: Dasarahalli	
Year	: 2016	
Estimate	: 5000000.00 (Current Works) Rupees Fifty Lakhs	EE Details : User Name : HoCaoCw1 Create Date : 26-Mar-2016 17:34:34.437 Remarks : .
POW SL.No	:	
Comm. Approval	: Para 4 PSRG 12364 / 22-Mar-2016	
Nature	: New	CW Details : User Name : CwCen Create Date : 28-Mar-2016 13:16:27.328 Remarks :
Catagory	: Mayor Works	
Department	: Engineering Division	
Type	: Drain	
Subtype	: Road side/Rain water Drains-BS Slab/SSM/RCC	Zone Details : User Name : CwCen Create Date : 28-Mar-2016 13:16:27.515 Remarks :
Budget Head	: P0190 Works sanctioned by Hon Mayor	
		CAO Details : User Name : HoCao Create Date : 28-Mar-2016 15:03:21 Remarks :

DDO : ddo030 Executive Engineer Dasarahalli
CE : xx
EE : xx

For Bruhat Bangalore Mahanagara Palike

Printed on : 28-Mar-2016 16:21
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ಮುಖ್ಯ ಆರ್ಥಿಕ ಅಧಿಕಾರಿ ಹಾಗೂ ನಿಯಂತ್ರಣಾಧಿಕಾರಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Chief Accounts Officer

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Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Construction of RCC drains in adjusting to Dasarahalli road and cross at Kalyana nagar,in ward no-13,SSD

Est .Cost Rs. 50 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 141/ Item No. 19.1/ PWD SR 2015-16								
	Cross Roads Kalyana Nagar		2	45.00	0.90	0.90	72.90		
	10th cross		2	95.00	0.90	0.90	153.90		
	11th cross		1	120.00	0.90	0.90	97.20		
	12th cross		2	123.00	0.90	0.90	199.26		
							523.26	83.16	**43514.00**
	Basic Rate	77.00							
	Area Weightage @ 8%	6.16							
		83.16							
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.2/ PWD SR 2015-16								
	Cross Roads Kalyana Nagar	Cum	2	45.00	0.90	0.15	12.15		
	10th cross		2	95.00	0.90	0.15	25.65		
	11th cross		1	120.00	0.90	0.15	16.20		
	12th cross		2	123.00	0.90	0.15	33.21		
							87.21	5139.94	**448254.00**
	Basic Rate	4849.00							
	Area Weightage @ 6%	290.94							
	Total	**5139.94**							
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed - 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2015-16								
	Walls	Cum	2x2	45.00	0.15	0.80	21.60		
	Bed		1	45.00	0.80	0.15	5.40		
			2x2	95.00	0.15	0.80	45.60		
			2	95.00	0.80	0.15	22.80		
			1x2	120.00	0.15	0.80	28.80		
			1	120.00	0.80	0.15	14.40		

			2x2	123.00	0.15	0.80	59.04		
			2	123.00	0.80	0.15	29.52		
	covering		2	45.00	0.90	0.15	12.15		
			2	95.00	0.90	0.15	25.65		
			1	120.00	0.90	0.15	16.20		1887 782 068
			2	123.00	0.90	0.15	33.21		
		Deduct for openings 3 0x0.90x 0.15 =					**314.37**	6083.34	**1912420.00**
	Basic Rate	5739.00					-> 4.05		
	Area Weightage @ 6%	344.34					310.32		
	Total	**6083.34**							
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2015-16								
		Qtls		314.37	x	60kgs	188.62		
							188.62	6851.31	**1292308.00**
	Basic Rate	6463.50							
	Area Weightage @ 6%	387.81							
	Total	**6851.31**							
5	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness,including attached pilasters,buttresses, plinth and string courses cost of all materials, labour complete as per specification. Specification No. KSRB 4.6.9. exceeding 1m in depth. Page No. 15/ Item No. 4.31/ PWD SR 2015-16								
	for RCC drain Walls	Sqm	2x4	45.00		0.80	288.00		
			2x4	95.00		0.80	608.00		
			1x4	120.00		0.80	384.00		
			2x4	123.00		0.80	787.20		
	covering		2	45.00		0.60	54.00		
			2	95.00		0.60	114.00		
			1	120.00		0.60	72.00		
			2	123.00		0.60	147.60		
							2454.80	301.04	**738993.00**
	Basic Rate	284.00							
	Area Weightage @ 6%	17.04							
		301.04							
6	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	Damaged slabs	Sqm	18	0.60	0.90		9.72		
			20	0.60	0.90		10.80		
			25	0.60	0.90		13.50		
			25	0.60	0.90		13.50		
	slabs		30	0.60	0.90		16.20		
	Approved Rate of Precast slab	1600					**63.72**	1600	**101952.00**

	isposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for ha[illegible]ge of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.133 I.18.57/1) 2015-16									
	Qty Vide Item No=1+2	Cum					523.26			
	Qty Limited to						523.26	81.73		42768.00
	(For 3 km = 3 x 1.28 x 2.0)	7.68								
	Loading and Unloading	68.00								
		75.68								
	Area Weightage @ 8%	6.05								
	Total	**81.73**								
	Add: KRDL Charges @ 8%								**Sub Total**	**4580209.00**
8	Add: Quality Control Charges									366417
9	Miscellaneous and unforseen									50000
										3374.00
									Total	**5000000**

(Rupees Fifty Lakhs Only)

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2015-16
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

A/S

ನಂ. AC(DH) AS/02/16-17 ದಿನಾಂಕ : 12/05/16

ರೂ. 50.00 Lakh (Rupees Fifty Lakh only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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Sl. No. 82

ಅಪರ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

13/5/16

ನಂ. EE/TS/DZ/13/16-17 Pg 113 ದಿನಾಂಕ : 16-05-2016

ರೂ. 50,00000/- (Rs. Fifty lakhs only.)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.